

FY2010 Defense Authorization Requests

Biological Air Filtering System Technology (BAFST)

Recipient: Arkansas State University, PO Box 10, State University, AR, 72467

Amount Requested: \$4,000,000

Project Description: Funding would be used to continue research, experiments, testing, and demonstrations of a biological air filtering system technology, integrated into space and missile defense systems.

Bio-Mass Derived Alternative Fuels

Amount Requested: Language Request

Language Requested: Bio-Mass Derived Alternative Fuels have superior properties and associated benefits relative to petroleum-based jet fuels leading to improved aircraft/vehicle performance. Proposed report language would commend United States Air Force bio-mass certification efforts, and express an expectation that the Department of Defense will procure biomass-derived alternative fuel when it is commercially available.

Pride Center for America's Wounded Veterans

Recipient: Arkansas State University, PO Box 10, State University, AR, 72467

Amount Requested: \$2,000,000

Project Description: The Pride Center would assist wounded or disabled veterans in achieving personal and educational goals through rehabilitation, counseling, advocacy, and increased college access.

Spectroscopic Materials Identification Center

Recipient: Arkansas State University, PO Box 10, State University, AR, 72467

Amount Requested: \$2,000,000

Project Description: Funding would be used to continue spectroscopic identification research.

Standoff Hazardous Agent Detection and Evaluation System (SHADES)

Recipient: Arkansas State University, PO Box 10, State University, AR, 72467

Amount Requested: \$3,979,000

Project Description: Funding would be used for development of a realtime identification of chemical threats using a highly reliable molecular identification and classification process.

Standoff Improvised Explosive Device Detection Program (SIEDP)

Recipient: Arkansas State University, PO Box 10, State University, AR, 72467

Amount Requested: \$6,000,000

Project Description: Funding would be used to expedite research and development of a new generation of sensor technologies based on recent innovations in laser and spectroscopic techniques to provide powerful new capabilities in Improvised Explosive Device (IED) standoff detection.

West Memphis Readiness Center

Recipient: Arkansas National Guard, Building 6000, Camp Robinson, North Little Rock, AR72199

Amount Requested: \$9,000,000

Project Description: Funding would be used to enhance the unit's ability to meet mission requirements and maintain readiness for the future through structural maintenance and refurbishment.